

ABSTRACT OF THE DISCLOSURE

DRIVING CIRCUIT FOR ELECTRONICALLY SWITCHED MOTORS

5 A driving circuit for electronically switched motors is provided. The driving circuit includes a supply voltage rectifying stage for providing a rectified supply voltage, first
switching means for switching state based on output of a first control block, magnetic means
for providing a magnetic flux according to the state of the first switching means, transmission
diodes for transmitting an exciting current that flows through the magnetic means, first
10 energy storing means for storing the exciting current, an energy return stage for transferring
the energy stored in the first energy storing means to the rectifying stage, and energetic
conversion means for receiving the energy stored in the energy storing means through
second switching means controlled by a second control block, so as to provide a current as
sinusoidal as possible.

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